

We claim:

1. A method for producing a magnetic device, comprising the steps of:

forming ferromagnetic grains, said grains having an average diameter greater than domains of said grains; and

embedding said grains in a matrix, said matrix comprising a hardening material.

2. The method according to claim 1, wherein said ferromagnetic grains comprise ferrite.

3. The method according to claim 2, wherein said ferrite is sintered.

4. The method according to claim 1, wherein said hardening material comprises cement.

5. The method according to claim 4, wherein said hardening material comprises about 5 parts cement, 5 parts water and 100 parts grains.

6. The method according to claim 1, wherein said magnetic device is a shield for frequencies in the range of approximately 100kHz to 10 GHz.

7. The method according to claim 1, wherein said grains have a minimum of about 10 microns.

8. The method according to claim 1, wherein said grains have an average diameter of about 100 microns.

9. The method according to claim 8, wherein said grains comprise first and second groups of grains, said first group having an average diameter of about 8 millimeters and said second group having an average diameter of about 2 millimeters.

10. The method according to claim 1, wherein said hardening material is a plaster.

11. The method according to claim 1, wherein said magnetic device is a shell for an electromagnetic module.

12. The method according to claim 11, wherein said module is a coil.

13. The method according to claim 11, wherein said module is a circuit.

14. The method according to claim 11, wherein said module is a magnetic disk.